

Title (en)

A method and apparatus for continuous polymerization.

Title (de)

Verfahren und Vorrichtung zur kontinuierlichen Polymerisation.

Title (fr)

Procédé et dispositif de polymérisation en continu.

Publication

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Application

EP 94304967 A 19940706

Priority

JP 16775893 A 19930707

Abstract (en)

Continuous polymerization method using a tubular continuous polymerization apparatus, wherein a pig (1) for tube cleaning is passed through a polymerization solution in polymerization tube (6) while contacting with the inner wall of the tube during the polymerization. The apparatus used in the method is equipped with polymerization tube (6); a first raw material inlet tube (8) connected with polymerization tube 6; a pig inlet tube (4) connected with polymerization tube (6); a second raw material inlet tube (10) connecting tube (8) with tube (4); valve (5) for opening and shutting between polymerization tube (6) and tube (8); valve (3) for opening and shutting between tube (10) and tube (4); and valve (7) for opening and shutting a connection between the tube (8) and tube (10). <IMAGE>

IPC 1-7

B01J 19/24; B01J 19/00; C08F 2/00

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CPC (source: EP US)

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Citation (search report)

- [XAY] DE 3233557 A1 19840315 - BAYER AG [DE]
- [Y] EP 0168913 A1 19860122 - ANDO SUMIO
- [A] US 3595846 A 19710727 - ROUZIER GEORGES

Cited by

CN109533975A; US6734318B2; AP2641A; US7261863B2; US6399031B1; US7956137B2; WO2011045638A3; WO2007080161A1; WO2020228927A1; WO03008116A1; WO0007717A1

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